

Converting Colors

$Y_{xy}(23.1036, 0.3439, 0.3256)$

Have a look what the booklet for
Yxy(23.1036, 0.3439, 0.3256)
contains.

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Color

Yxy(22.9980, 0.3435, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	997D80
RGB	153, 125, 128
RGB Percent	60%, 49%, 50%
CMY	0.4000, 0.5098, 0.4981
CMYK	0.00, 0.18, 0.16, 0.40
HSL	354°, 12%, 55%
HSV	354°, 18%, 60%
XYZ	24.3671, 22.9980, 23.5726
YIQ	133.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

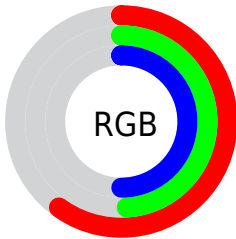
Format	Color
R_{YB}	153, 125, 128
Decimal	10059136
CIE _{Lab}	55.07, 11.30, 2.44
CIE _{LCh}	55, 11.557, 12.206
Yxy	22.9980, 0.3435, 0.3242
Android (android.graphics.Color)	4288249216 (0xFF997D80)
YUV	133.7140, -2.8170, 16.9138
Hunter-Lab	47.9562, 6.7744, 4.4257

Details

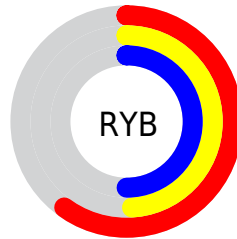
The Yxy color $22.9980, 0.3435, 0.3242$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $29.3478, 0.2885, 0.3339$, and the grayscale version is $23.7364, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.5869, 0.3367, 0.3254$, and $8.5582, 0.3564, 0.3219$ is the 20% darker color. If you saturate the color by 10%, you get $19.0828, 0.3661, 0.3214$, and if you desaturate by 10%, it is $27.5606, 0.3252, 0.3269$.

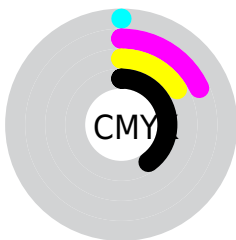
Distribution



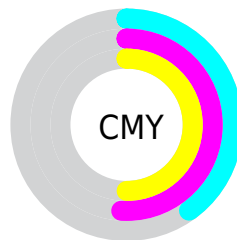
- Red (60%)
- Green (49%)
- Blue (50%)



- Red (60%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (40%)





- Cyan (40%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9980, 0.3435, 0.3242 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 22.9980, 0.3435, 0.3242 by changing the saturation by 10% instead.


 22.9980, 0.3435,
0.3242

 22.9980, 0.3435,
0.3242


267.7147, 0.3262,
0.3270


 14.5920, 0.3486,
0.3233


 48.3900, 0.3367,
0.3253

 8.5336, 0.3557,
0.3221


 66.1449, 0.3343,
0.3257

 4.4382, 0.3663,
0.3201

 87.7849, 0.3324,
0.3260

 1.9216, 0.3837,
0.3166

113.6943, 0.3307,
0.3263

 0.5613, 0.4469,
0.3100

144.2576, 0.3293,
0.3265

 0.0000, 0.0000,
0.0000

179.8592, 0.3282,

0.3267

220.8834, 0.3271,
0.3269

■ 22.9980, 0.3435,
0.3242

■ 22.9980, 0.3435,
0.3242

■ 19.0828, 0.3661,
0.3214

■ 27.5606, 0.3252,
0.3269

■ 15.7826, 0.3939,
0.3186

■ 32.7947, 0.3104,
0.3294

■ 13.0672, 0.4273,
0.3161

■ 38.7272, 0.2985,
0.3317

■ 10.9024, 0.4663,
0.3143

■ 45.3824, 0.2887,
0.3338

■ 9.2504, 0.5094,
0.3137

■ 52.7834, 0.2808,
0.3357

■ 8.0688, 0.5530,
0.3147

■ 60.9525, 0.2743,
0.3375

■ 7.3083, 0.5919,
0.3177

■ 69.9109, 0.2688,
0.3390

■ 6.8752, 0.6211,
0.3215

■ 79.6790, 0.2643,
0.3404

■ 6.8114, 0.6253,
0.3218

■ 85.2588, 0.2592,
0.3333

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.9980, 0.3259, 0.3084



22.9980, 0.3435, 0.3242



22.9980, 0.3527, 0.3416

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.9980, 0.3435, 0.3242



22.9980, 0.3193, 0.3628



22.9980, 0.2759, 0.3005

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22.9980, 0.3435, 0.3242



29.3478, 0.2885, 0.3339

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.9980, 0.2743, 0.3143



22.9980, 0.3435, 0.3242



22.9980, 0.2989, 0.3510

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22.9980, 0.3435, 0.3242



22.9980, 0.3383, 0.3646



22.9980, 0.2826, 0.3328



22.9980, 0.2870, 0.2948

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22.9980, 0.3435, 0.3242



22.9980, 0.3527, 0.3521



22.9980, 0.2826, 0.3328



22.9980, 0.2743, 0.3043

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22.9990, 0.3435, 0.3242



52.2227, 0.3201, 0.3277



23.4274, 0.3110, 0.2845



11.4021, 0.3211, 0.3276



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.9990, 0.3435, 0.3242



38.1498, 0.3523, 0.3231



25.7883, 0.3441, 0.3465



6.2329, 0.3267, 0.3267



5.6316, 0.6241, 0.3212



0.0867, 0.5598, 0.2858

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.9990, 0.3435, 0.3242



38.1498, 0.3523, 0.3231



26.0874, 0.2850, 0.3108



6.2329, 0.3267, 0.3267



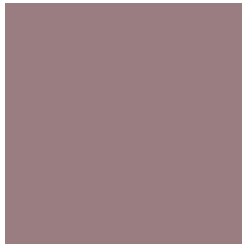
5.6316, 0.6241, 0.3212



0.0867, 0.5598, 0.2858

Previews

White Background



This preview shows how the Yxy color 22.9980, 0.3435, 0.3242 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 22.9980, 0.3435, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

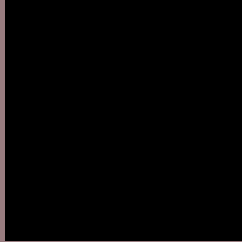
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.9980, 0.3435, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 22.9980, 0.3435, 0.3242.



This preview shows how white text looks on a background with the Yxy color 22.9980, 0.3435, 0.3242.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

22.9980, 0.3435, 0.3242

Protanopia

22.9669, 0.3151, 0.3273

Deuteranopia

23.0816, 0.3354, 0.3307



Tritanopia

23.0066, 0.3378, 0.3129

Trichromacy



Original Color

22.9980, 0.3435, 0.3242

Protanomaly

23.0019, 0.3246, 0.3256

Deuteranomaly

23.1006, 0.3393, 0.3291

Tritanomaly

22.9513, 0.3402, 0.3161

Monochromacy



Original Color

22.9980, 0.3435, 0.3242

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5613, 0.3232, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9980, 0.3435, 0.3242 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 125, 128)` looks like.

```
.text, #text, p{  
    color:rgb(153, 125, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 125, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 125, 128) }
```

Border

The CSS property to change the border of an element to Yxy 22.9980, 0.3435, 0.3242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 125, 128) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 125, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 125, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 125, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 125, 128);  
box-shadow:4px 4px 4px 4px rgb(153, 125,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9980, 0.3435, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 125, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
125, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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